

Dongseo University
Global Studies Institute
Introduction to Computing and Programming
2016-1 Semester

Instructor: mangalsain

Office:

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Classroom: N/A

Class Time: N/A

Office Hours: N/A

Course Description:

Lecture contents

01_Introduction_to_Computer_Organization

02_ How Computer works

03_ Software Programming

04_a_Basic of Algorithm

04_b_ Algorithm

05_ Algorithm with Sorting

06_Data Structure

Mid Term

C_Language Theory and Practica

Course Goals & Objectives:

In this subject, first we will study computer Science and after that we start programming with C In computer science we will study about basic of computer, computer classifications, peripherals, networking concepts, Computer Organization and Architecture, data Structures: Algorithms and Software:

After learn above concept we will start to learn about programming concept, basic designs and how we will use those algorithm in programming.

Finally we will start programming with C

Course Outline

Week		Description
1	1	Introduction to Computer Organization
2	1	How Computer works
3	1	How Computer works
4	1	Software Programming 1
5	1	Software Programming 2
6	1	Software Programming 3
7	1	A- Basic of Algorithm

8	1	A- Basic of Algorithm
9	1	B- Algorithm
10	1	B- Algorithm
11	1	Algorithm with Sorting
12	1	Algorithm with Sorting
13	1	Data Structure
14	1	Data Structure
15	1	C- Language Theory and Practical
16	1	Final test

Class Website: eclass.dongseo.ac.kr

Course Assignments & Grading:

- *Grading: Attendance - 10% Quizzes - 10% Homework - 10% Project – 10% Mid-term exam - 20% Final exam - 40%*

Teaching Method:

- In the class first we will try to understand basic theory of computing and programming and after that we will start practice of programming every day.